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Derwent Title: **Dis:azo cpd. for dyeing fibre materials - comprises naphthalene sulphonate dis:azo cpd.**

Original Title: ☒ **JP62141071A2: BISAZO COMPOUND AND METHOD FOR DYEING FIBROUS MATERIAL THEREWITH**

Assignee: **SUMITOMO CHEM IND KK** Standard company
Other publications from [SUMITOMO CHEM IND KK \(SUMO\)](#)...

Inventor: **None**

Accession/Update: **1987-216308 / 198731**

IPC Code: **C07D 251/50 ; C09B 62/51 ; D06P 1/38 ; D06P 3/66 ;**

Derwent Classes: **E21; F06;**

Manual Codes: **E21-D01**(Reactive azo system - triazine type) , **E21-D09** (Chromophore - unmetallised dis- and polyazo) , **F03-F03** (Dyeing and/or printing of vegetable substrates) , **F03-F16A** (Azo dyes, water soluble of general application) , **F03-F19** (Dyeing and/or printing with reactive dyes and associated materials/compositions) , **F03-F21**(Dyeing and/or printing with anionic/acid dyes and associated materials/compositions)

Derwent Abstract: ([JP62141071A](#)) Disazo cpd. of formula (I) as a free acid and a dyeing method of fibre materials comprises using a cpd. of formula (I) (where R1=lower alkyl or lower alkoxy, R2=H, lower alkyl, lower alkoxy or NHCOR3, where R3=amino, methyl, ethyl, phenyl, succinyl or malenyl, R=lower alkyl opt. substd., Z=vinyl or CH2CH2L, where L=a gp. eliminated by the action of alkali, A=phenylene or naphthylene opt. substd., X=Cl, F, aliphatic or aromatic amino, methoxy or phenoxy).
USE/Advantage - Disazo dyes have improved dyeing rate, levelling properties, reproducibility and colour fastness.

[Dwg.0/0](#)

Family: PDF Patent Pub. Date Derwent Update Pages Language IPC Code
☒ **JP62141071A** * 1987-06-24 198731 6 English C07D 251/50
Local appls.: [JP1985000281553](#) Filed:1985-12-13 (85JP-0281553)

Priority Number:

Application Number	Filed	Original Title
JP1985000281553	1985-12-13	BISAZO COMPOUND AND METHOD FOR DYEING FIBROUS MATERIAL THEREWITH

Chemical Indexing Codes: [Show chemical indexing codes](#)

? Markush [Show Markush numbers](#)
Compound
Numbers:
? Ring Index [Show ring index numbers](#)
Numbers:
? Registry 01[M4]:87140 1286M
Numbers:
? Title Terms: DI AZO COMPOUND DYE FIBRE MATERIAL COMPRISE NAPHTHALENE
SULPHONATE DI AZO COMPOUND

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(71) Applicant: SUMITOMO CHEM CO LTD

(72) Inventor: OMURA TAKASHI

HARADA NAOKI

(54) BISAZO COMPOUND AND METHOD FOR DYEING FIBROUS MATERIAL THEREWITH

(57) Abstract:

NEW MATERIAL: Compounds of formula I [wherein R_1 is a lower alkyl, a lower alkoxy; R_2 is H, R_1 , $NHCO R_3$; R_3 is amino, methyl, ethyl, phenyl, succinyl, maleinyl; R is a (substd.) lower alkyl; Z is vinyl, CH_2CH_2L ; L is a group which can be eliminated by the action of an alkali; A is (substd.) phenylene, naphthylene; X is Cl, F, an aliph. or arom. amino residue, methoxy, phenoxy].

EXAMPLE: Compd. of formula II.

USE: Bisazo dyes which dye materials having hydroxyl or amide groups navy blue.

PREPARATION: Compds. of formula IIIWVI (wherein hal is Cl, F) are used. When the compd. where X is Cl, F is to be prepd., the compds. of formulas IIIWV are condensed in an aq. medium. When the compd. where X is an aliph. or arom. amino residue, methoxy, phenoxy, is to be prepd., the compds. of formulas II-

IWVI are condensed in an aq. medium. The resulting compd. of formula VII is coupled with a diazonium compd. obtd. by diazotizing a compd. of formula VIII.

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